

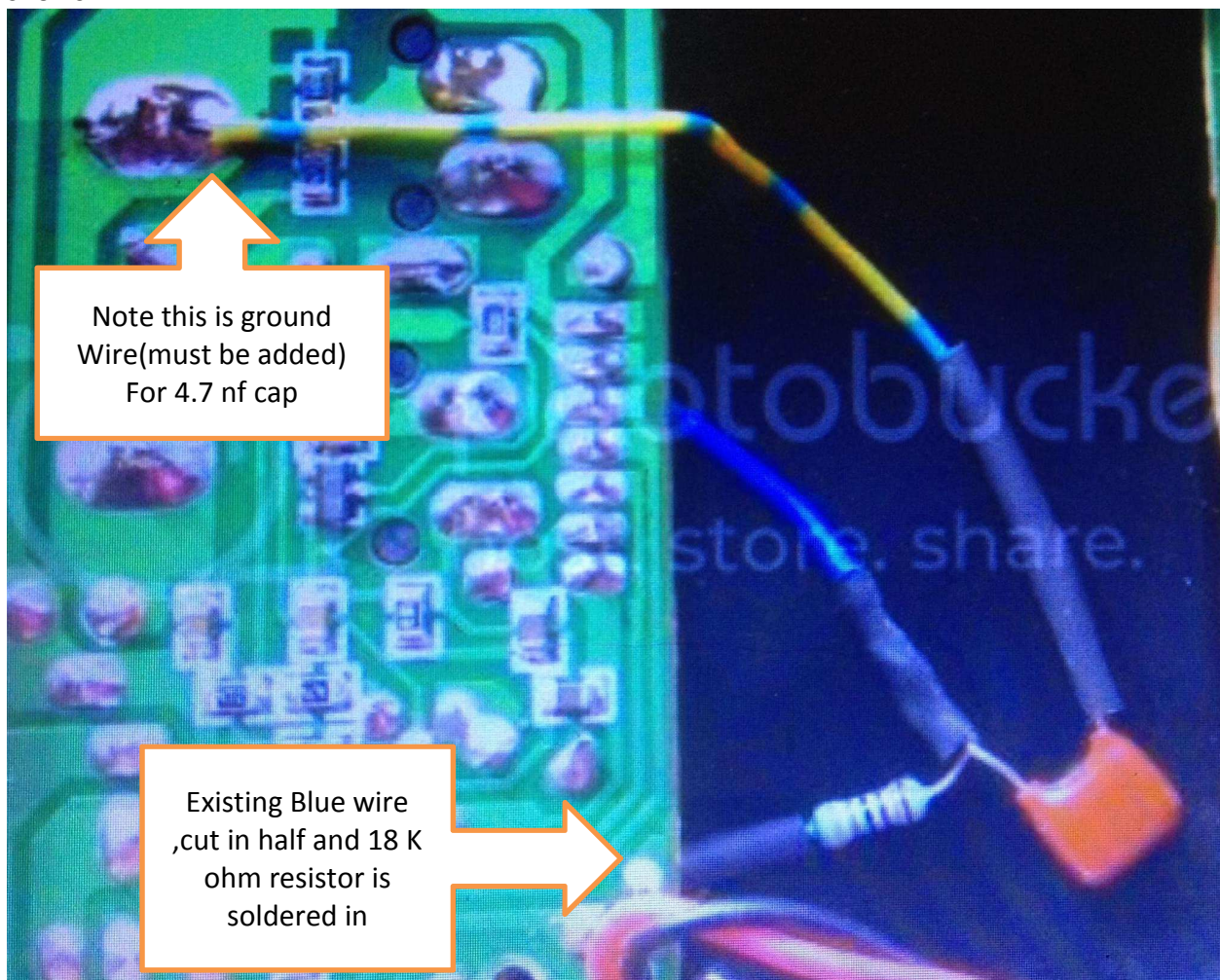
Danelectro DJ-20C Rocky Road Spin Speaker Mini Effects Pedal

The resistor is used for correcting the unity gain (rise in volume) it reduces the gain heard when the fx is switched in.

...the cap is used to reduce the treble the pedal adds.(also hiss)

The resistor is wired in series on the blue wire.

just cut the blue wire that connects the two main boards and wire it together like the pic shows.



The cap is wired from the resistor/blue wire to ground

(you must add the extra wire to ground, the yellow/blue wire in the pic above.
It does not exist in the pedal, until you place it there, consider it a wire wrap mod added
After manufacturing to correct a circuit misdesign.)

*To keep it as simple as possible I suggest that you don't muck about with the board but cut the blue wire back to the output board and put a resistor in series with it to take the level down after the processing, this takes the noise down too. **I ended up with an 18k resistor.***

*You can also take off some of the excess top at this point by adding a capacitor to ground after (i.e. on the output board side) of the resistor, again this helps with noise. I would suggest 4.7nf with the **18k resistor***

No mucking about with a very delicate board, two components and a bit of heat shrink sleeve

This is what my photo above is showing

I don't have my RR anymore, but I remember this mod was very easy- it should be quite self-explanatory once you open the box. **The blue wire going under the board is already soldered- you are simply cutting it and adding a resistor.** Then, you also add the capacitor as shown in the picture, **using a bit of your own wire, to ground,** which is the only board soldering on this mod.

You can see where it's soldered to to top of the board in the picture above.

NOTE: I used a 22k, it's the closest I had to 18K

18k Resistor notes: from Mouser for about .15 cents each,
756-MFR4-18KFI

Metal Film Resistors - Through Hole 18K ohm 1% 0.5W

Mfr. #: MFR4-18KFI

<https://www.mouser.com/ProductDetail/756-MFR4-18KFI>

Cap should be 4.7nf (note conversion result $\mu\text{F} = 0.0047$ **nF = 4.7 pF = 4700**

<https://www.mouser.com/ProductDetail/80-C771U472MTVDBWL25>

Multilayer Ceramic Capacitors MLCC - Leaded 440V / 250 V 4700pF Y5U 20% LS=10mm

Approx. .86 cents each, or .55 cents if you buy 10 or more.

Danelectro DJ-20C Rocky Road oriented same as modification pictures



And here is the guts before the mode is done (ie from the factory)
The blue wire isn't visible as it is tucked under the board In this view.

